## UTILITY PATENT APPLICATION TRANSMITTAL

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First I	Inventor	Robe	rt S. Chau, et al.	06
Title	ATON	AIC L	AYER DEPOSITION I	USING 8
	PHOT	O-EN	HANCED BOND RE	CONFIGURATION

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EV339919279US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	Mail Stop Patent Application  ADDRESS TO: Commissioner for Patents P.O. Box 1450				
· · · · · · · · · · · · · · · · · · ·	Alexandria, VA 22313-1450				
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	<ol> <li>CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> </ol>				
2. Applicant claims small entity status. See 37 CFR 1.27.	Nucleotide and/or Amino Acid Sequence Submission     (if applicable, all necessary)				
Specification [Total Pages 17.]  (preferred arrangement set forth below)  - Descriptive title of the Invention  - Cross References to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix	<ul> <li>a. □ Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on: <ol> <li>i. □ CD-ROM or CD-R (2 copies); or</li> <li>ii. □ paper</li> </ol> </li> <li>c. □ Statements verifying identity of above copies</li> </ul>				
- Background of the Invention					
- Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4.   Drawing(s) (35 U.S.C. 113) [Total Sheets 16]	9. Assignment Papers (cover sheet & document(s)) 10. 37 C.F.R. § 3.73(b) Statement Power of Attorney (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment Application Amended to				
5. Oath or Declaration [Total Pages _]	14. Return Receipt Postcard (MPEP 503)  Reflect Claim of Priority				
a. Newly executed (original or copy)	(Should be specifically itemized)  15. Certified Copy of Priority Document(s)				
b. Copy from a prior application (37 C.F.R. § 1.63(d))  (for continuation/divisional with Box 18 completed)	(if foreign priority is claimed)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other:				
6. Application Data Sheet. See 37 CFR 1.76					
40 1/ 00 17 10 10 10 10 10 10 10 10 10 10 10 10 10					
<ol> <li>If a CONTINUING APPLICATION, check appropriate box, and supp specification following the title, or in an Application Data Sheet under 37</li> </ol>					
Continuation Divisional Continuation-in-p					
	Group/Art Unit:				
Prior application Information: Examiner Group/Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
18. CORRESPONDENCE ADDRESS					
Customer Number	□ Correspondence address below				
Name					
Blakely, Sokoloff, Taylor & Zafman LLP					
Address 12400 Wilshire Boulevard, 7th Floor					
City Los Angeles S	tate California Zip Code 90025				
Country Telephon					
Name (Print/Type) William Thomas Babbjtt Registration No. (Attorney/Agent) 39,591					
Signature Willeam & Prathi					

Based on PTO/SB/05 (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003, SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)	824.00

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Robert S. Chau			
Examiner Name				
Group/Art Unit				
Attorney Docket No.	42P16685			

Creek   Creek card   Morey   Other   Nevo   Other   Nevo   Other   Other   Nevo   Other   Ot	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Deposit Account		3. Al	DDITIO	NAL	FEES	3	
Deposit   Account	— Urder — — Urder	Large	Entity	. Sma	II Entity	,	
Decorate   Number   D2-2666     1051   30   2051   65   Surcharge - lists firing fee or each   1052   50   2052   25   Surcharge - lists firing fee or each   1052   50   2052   25   Surcharge - lists provisional filing fee or cach   1052   50   2052   25   Surcharge - lists provisional filing fee or cach   1052   50   2052   25   Surcharge - lists provisional filing fee or cach   1052   50   2052   25   Surcharge - lists provisional filing fee or cach   1052   50   2052   25   Surcharge - lists provisional filing fee or cach   1052	Doposit Account	Fee	Fee	Fee	Fee	_	
Dispost   Account   Blakely, Sokoloff, Taylor & Zafman LLP   1553   150   25		Code	(\$)	Code	(\$)	Fee Description	FeePaid
Blakely, Sokoloff, Taylor & Zafman LLP The Commissioner is authorized to: (check all that apply)  The Commissioner is authorized to: (check all that apply)  Crest any overpayments  Crest any overpayments  Crest any overpayments  Crest any overpayments  Charge fee(s) indicated below  Crest any overpayments  Charge fee(s) indicated below  Crest any overpayments  Charge fee(s) indicated below  The Charge fee(s) indicated below  The Charge fee(s) indicated below  The BASIC FILING FEE  Large Entity  Small Entity  Fee  Fee  Fee  Fee  Fee  Fee  Fee  F	Number 02-2000						
Name   Blakely, Sokoloft, Iaylor & Zarman LLP   1902   130   13	A silver and I	1052	50	2052	25		
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Charge any additional fee(e) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.    Charge fee(e) indicated below, except for the filing fee to the above-dentified deposit account	Charge fee(s) indicated below Credit any overpayments	1804	920 *	1804	920	* Requesting publication of SIR prior to Examiner action	
Charge feets) indicated below, except for the filing fee by the above-dentified depoet account   1251   110   2251   55   55   55   55   55   55	Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.	1905	1 940 *	1906	1 9/0 '		
1. BASIC FILING FEE   150   125   110   125	<b>_</b>	1800	1,040	1000	1,040		
1. BASIC FILING FEE   Large Entity   Small Entity	to the above-identified deposit account	1251	110	2251	55	Extension for reply within first month	
Large Entity   Small Entity   Small Entity   Fee   F	FEE CALCULATION	1252	420	2252	210	Extension for reply within second month	
Fee   Fee   Fee   Fee   Fee   Ee_ Description   FeePad   1255   1,210   2255   605   Extension for reply within fifth month   1001   170   2001   385   Usitly filing fee   1403   330   2401   165   Notice of Appeal   1404   330   2401   165   Notice of Appeal   1408   330   2402   165   Filing a brief in support of an appeal   1408   2300   2403   145   Request for oral hearing   1408   2403   2403   145   Request for oral hearing   1408   1510	1. BASIC FILING FEE	1253	950	2253	475	Extension for reply within third month	
Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code   Code		1254	1,480	2254	740	Extension for reply within fourth month	
1001   770   2001   365   Utility fling fee		1255	1,210	2255	605	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee	1001 770 2001 385 Utility filing fee	1404	330	2401	. 165	Notice of Appeal	
1003 50 2003 255 Plant filing fee	770.00	1402	330	2402	165	Filing a brief in support of an appeal	
1004   770   2004   385   Reissue filing fee   1451   1,510   2451   1,510   2452   55   Petition to revive - unavoidable   1452   110   2452   55   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1453   1,330   2453   665   Petition to revive - unavoidable   1501   1,330   2453   665   Petition to revive - unavoidable   1501   1,330   2453   665   Petition to revive - unavoidable   1502   1453   1,340   1453   1,330   2453   665   Petition to revive - unavoidable   1503   1501   1,330   2453   1501   1,330   1		1403	290	2403	145	Request for oral hearing	
SUBTOTAL (1) (\$) 770.00   1453 1.330 2453 665 Petition to revive - unintentional   1501 1.330 2501 665 Utility issue fee (or reissue)   1502 480 2502 240 Design issue fee   1503 640 2503 320 Plant issue fee   1		1451	1,510	2451	1,510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES Extra Fee from below FeePad 1503 640 2502 240 Design issue fee  Total Claims Claims Procepondent 23 23 20" = 3	1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES Extra     Claims	SUBTOTAL (1) (5) 770.00	1453	1,330	2453	665	Petition to revive - unintentional	
Total Claims	170.00		1,330		665	Utility issue fee (or reissue)	
Total Claims			480		240	Design issue fee	
Independent Claims  3 3 3 0 0 X 86.00	Total Claims		640		320	Plant issue fee	
Multiple Dependent  Large Entity   Small Entity   S	Independent 23 - 20 = 3 X 18.00 - \$54.00				130	Petitions to the Commissioner	
Large Entity   Small			50		50	Prosessing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Fee Description  1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple Dependent claim, if not paid 1204 86 2204 43 "Reissue independent claims over original patent patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 54.00  *Reduced by Basic Filing Fee Paid  **Reduced by Basic Filing Fee Paid					180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$)  1202 18 2202 9 Claims in excess of 20  1201 86 2201 43 Independent claims in excess of 3  1203 290 2203 145 Multiple Dependent claim, if not paid  1204 86 2204 43 "Reissue independent claims over original patent original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 54.00  *Reduced by Basic Filing Fee Paid  1809 770 1809 385 Filing a submission after final rejection (37 CFR § 1.129(a))  1810 770 2810 385 For each additional invention to be examined (37 CFR § 1.129(b))  1801 770 2801 386 Request for Continued Examination (RCE)  1802 900 1802 900 Request for expedited examination of a design application  Other fee (specify)  *Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$)		8021	40	8021	40		
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1203 290 2203 145 Multiple Dependent claim, if not paid 1204 86 2204 43 **Reissue independent claims over original patent 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 54.00  *Reduced by Basic Filing Fee Paid  SUBTOTAL (3) *Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$)  *Reduced by Basic Filing Fee Paid  SUBTOTAL (3) (\$)	1202 18 2202 9 Claims in excess of 20	1000	,,,	1000	300		
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COURMITTER BY	* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (5)						
Complete (if applicable)	COURTER BY						

SUBMITTED BY

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Registration No. (Altomey/Agent) 39,591

Telephone (310) 207-3800

Date /2/30/03

Express Mail No.: EV339919279US

DOCKET NO.: 42P16685

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the	e Application of:	II .
Robi	ert S. Chau, et al.	Art Group:
Application No.:		Examiner:
Filed:		
For:	ATOMIC LAYER DEPOSITION USING PHOTO-ENHANCED	

**BOND RECONFIGURATION** 

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## TRANSMITTAL OF FORMAL DRAWINGS

Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 16 sheets including 16 Figures. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-2666. A duplicate copy of the Fee Transmittal is enclosed for this purpose.

Respectfully submitted,

Blakely, Sokoloff, Taylor & Zafman LLP

Dated:

12/30/03

William Thomas Babbitt, Reg. No. 39,591

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